CLAIMS

1. An organic electroluminescent device comprising a pair of electrodes, and at least two organic emitting layers held between the pair of electrodes,

(1) two organic emitting layers being arranged with an electron barrier layer interposed therebetween,

(2) the two organic emitting layers both comprising an electron-transporting emitting material.

2. The organic electroluminescent device according to claim 1, wherein the two organic emitting layers both have an electron mobility of 10^{-6} $cm^2/V \cdot sec$ or more.

3. The organic electroluminescent device according to claim 1, wherein the electron barrier layer has an affinity level of at least 0.2 eV less than the affinity level of the organic emitting layer arranged on a cathode side relative to the electron barrier layer

4. The organic electroluminescent device according to claim 1, wherein a difference in ionization potential between the electron barrier layer and the organic emitting layer arranged on an anode side relative to the electron barrier layer is 0.2 eV or less.

5. The organic electroluminescent device according to claim 1, wherein a difference in ionization potential between the electron barrier layer and the organic

emitting layer arranged on a cathode side relative to the electron barrier layer is 0.2 eV or less.

6. The organic electroluminescent device according to claim 1, wherein the organic emitting layer arranged on an anode side relative to the electron barrier layer emits blue light.

7. The organic electroluminescent device according to claim 6, wherein the organic emitting layer arranged on a cathode side relative to the electron barrier layer emits yellow to red light.

8. The organic electroluminescent device according to claim 1, wherein the organic emitting layer arranged on an anode side relative to the electron barrier layer emits yellow to red light.

9. The organic electroluminescent device according to claim 8, wherein the organic emitting layer arranged on a cathode side relative to the electron barrier layer emits blue light.

10. The organic electroluminescent device according to claim 6 or 9, wherein the maximum wavelength of the blue light is 450 nm to 500 nm.

11. The organic electroluminescent device according to claim 7 or 8, wherein the maximum wavelength of the yellow to red light is 540 nm to 700 nm.

12. The organic electroluminescent device according to claim 1 that emits white light.

13. A display comprising the organic electroluminescent device of claim 1.